

JUL 20 2007

Application No.: 09/767,390

Docket No.: JCLA6877-R2

AMENDMENT

In The Claims:

Please amend the claims as follows:

1. (currently amended) A pixel structure for a liquid crystal display, the pixel structure comprising:

a first substrate, with respect to a pixel, having a W-like extruding structure composed of two V-like structures formed on a surface of the first substrate, which is with respect to a top view of the first substrate, wherein the pixel serves as a pixel unit including the two V-like structures to form one unit of the W-like extruding structure;

an second substrate, parallel to the first substrate, having a plurality of openings, wherein, with respect to the top view, the openings are aligned along a direction from a tip of the V-like structures to an edge of the pixel structure; and

a liquid crystal layer located between the first substrate and the second substrate, wherein the W-like extruding structure abuts the liquid crystal layer,

wherein the first substrate and the second substrate produce a multi-domain vertical alignment (MVA) structure in the liquid crystal layer.

2. (original) The pixel structure of claim 1, wherein a shape of the openings comprises an isosceles triangle, and sides of the isosceles triangle are parallel to sides of the V-like structure.

3. (original) The pixel structure of claim 1, wherein the aligned direction of the openings is parallel to the central line of the V-like structure.

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4. (original) The pixel structure of claim 1, wherein the pixel structure has a shape of quadrate.

5. (original) The pixel structure of claim 4, wherein the shape of pixel structure comprises a baguette.

6. (original) The pixel structure of claim 1, wherein the V-like structure has a tip angle of 90 degrees.

7. (currently amended) A baguette pixel structure, comprising:

a first substrate having a W-like extruding structure composed of two V-like structures formed on a surface of the first substrate, which is with respect to a top view of the first substrate, wherein the pixel structure serves as a pixel unit, including the two V-like structures to form one unit of the W-like extruding structure;

an second substrate, parallel to the first substrate, having a plurality of openings, wherein, with respect to the top view, the openings are aligned along a direction from a tip of the V-like structures and vertical to a long edge of the baguette pixel structure; and

a liquid crystal layer located between the first substrate and the second substrate, wherein the W-like extruding structure abuts the liquid crystal layer,

wherein the first substrate and the second substrate produce a multi-domain vertical alignment (MVA) structure in the liquid crystal layer.

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8. (original) The baguette pixel structure of claim 7, wherein a shape of the opening comprises a triangle, wherein an angle of the triangle is pointing to a tip of the V-like structures.

9. (new) The pixel structure of claim 1, wherein the openings are aligned in two line groups.

10. (new) The pixel structure of claim 1, wherein the openings divide each of the V-like structures into two portions.

11. (new) The baguette pixel structure of claim 7, wherein the openings are aligned in two line groups.

12. (new) The baguette pixel structure of claim 7, wherein the openings divide each of the V-like structures into two portions.